

**To:** Canzler, Erica[Canzler.Erica@epa.gov]; Cheatham, Reggie[cheatham.reggie@epa.gov]; Tulis, Dana[Tulis.Dana@epa.gov]  
**From:** Kudarauskas, Paul  
**Sent:** Mon 8/10/2015 12:53:41 PM  
**Subject:** FW: 1815 -- ASPECT Update -- 9 August 2015  
[24mm2015 08 09 15 36 30 gecorr.jpg](#)  
[24mm2015 08 09 21 27 42.kmz](#)  
[24mm2015 08 09 21 27 42 gecorr.jpg](#)  
[24mm2015 08 09 21 37 50.kmz](#)  
[24mm2015 08 09 21 37 50 gecorr.jpg](#)  
[24mm2015 08 09 22 04 42 gecorr.jpg](#)

Update below.

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**From:** Thomas, Mark J.  
**Sent:** Monday, August 10, 2015 8:50 AM  
**To:** Ian Bruce; McClain-Vanderpool, Lisa; Cardarelli, John; Curry, Tim; Kudarauskas, Paul; Kroutil, Robert; John.Lucotch@WestonSolutions.com; Myers, Craig; Nattis, Randy; Martin, John; McComb, Martin; Janine.Latham@WestonSolutions.com  
**Subject:** 1815 -- ASPECT Update -- 9 August 2015

ASPECT completed two missions today including a morning survey up the Animas river and an Afternoon survey from Bluff, UT back to Farmington.

The aircraft was able to collect imagery from the mine down to Farmington without weather interference. Imagery north of Durango indicates significant attenuation of color in the Animas river. Frame 24mm2015\_08\_09\_15\_36\_30 (sent out in a previous report) illustrates how the river is showing improvement. This data set is being processed at this time and will be posted in the morning.

Data for flight 5 (Afternoon of 8 August – Farmington to Durango) is ready to be uploaded to the FTP site.

ASPECT flew an afternoon flight from Bluff, UT back to Farmington. The crew reported no color (other than the normal brown) in the river. Three representative images are attached consisting of:

24mm2015\_08\_09\_21\_27\_42 (37.2789N 109.4535W) – upstream of Bluff, normal brown water.

24mm2015\_08\_09\_21\_37\_50 (37.1343N 109.1115W) – upstream of Aneth, downstream of Ship Rock, normal brown water

24mm2015\_08\_09\_22\_04\_42, San Juan and Animas junction, some orange water seen flowing into the San Juan.

This data is currently being processed and is scheduled to be uploaded on 10 August.

Proposed flight plans for 10 August 2015 include:

1. Collecting images from Farmington up to the mine
2. Repeating the survey from Bluff to Farmington

Weather for 10 August looks favorable in the morning with possible degradation in the afternoon.

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